

AMENDMENTS TO THE ABSTRACT

Please replace the Abstract section of the specification with the following section rewritten in amendment format:

~~The invention relates to mineral A dynamic separator for the processing and can be used for the metal mining, of minerals such as coal is provided and other industries. The inventive device comprises The dynamic separator includes two movable trays which that are pivotally connected to each other and actuated by a specially constructed shaft crankshaft. The positive motion of the trays makes it possible to obtain a uniform water pulse distribution, thereby preconditioning the stimulation of mineral processing. In addition, said invention substantially reduces energy consumption for mineral processing is substantially reduced, simplifies the structural design of the device is simplified, and significantly increases the reliability thereof is significantly increased. The test of the pilot device displayed good Good technical results of mineral processing and confirmed the high reliability and operability of said easy producible device is thereby achieved.~~